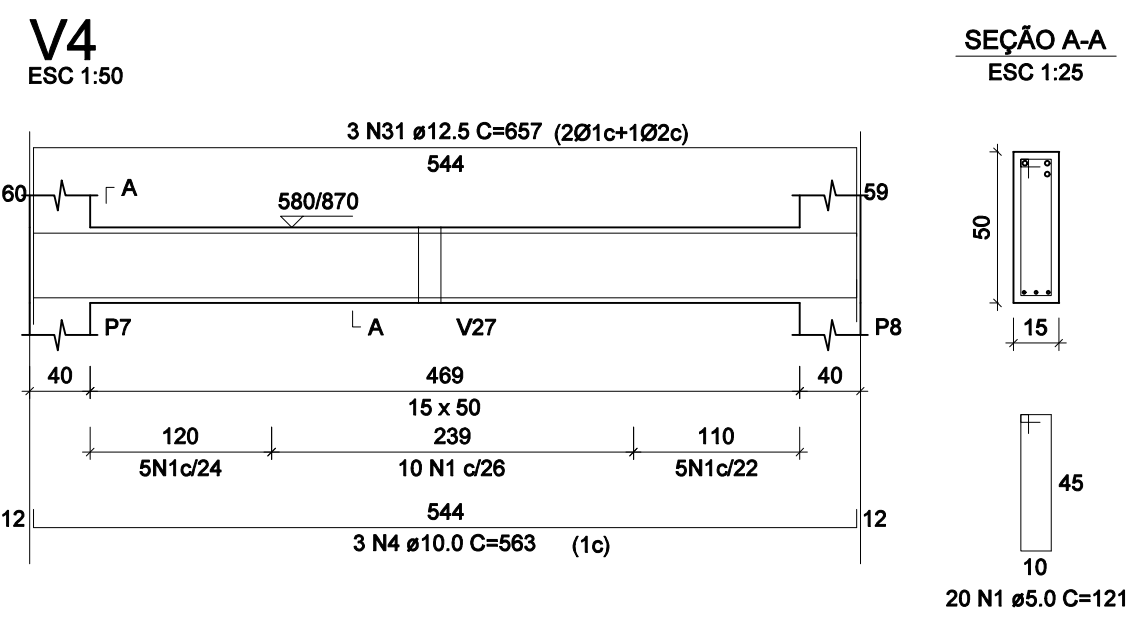
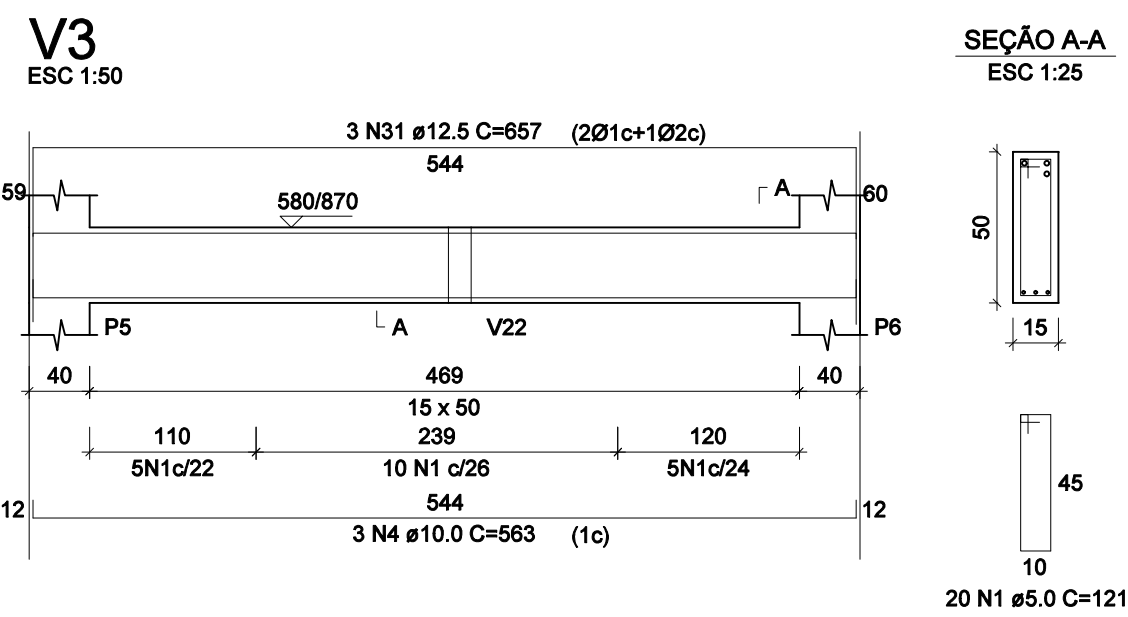
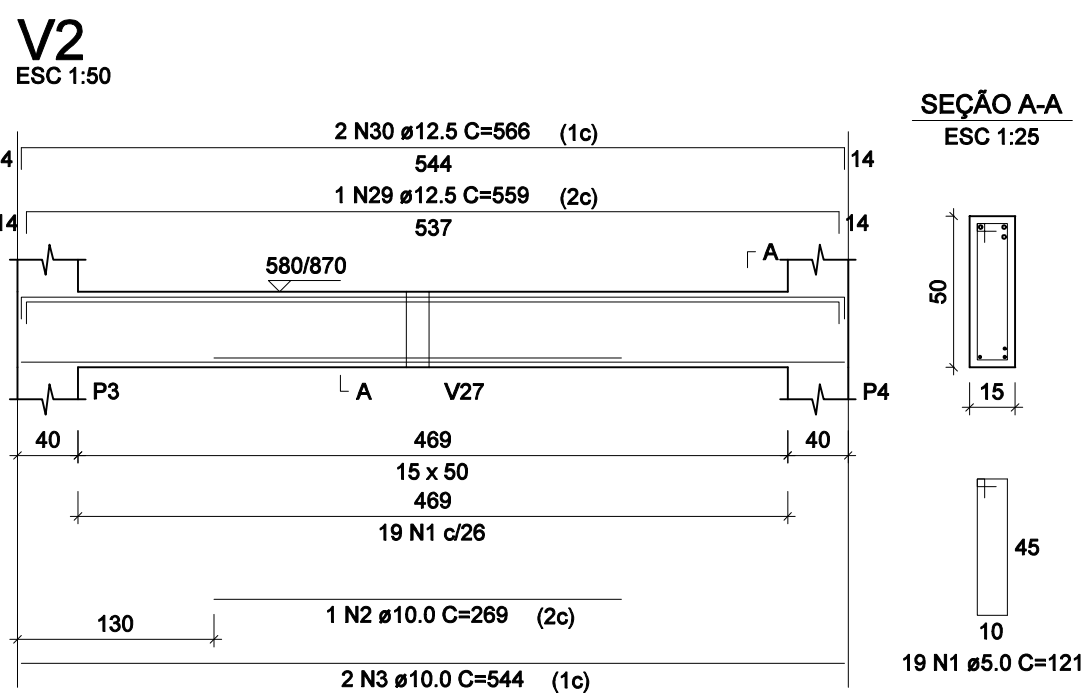
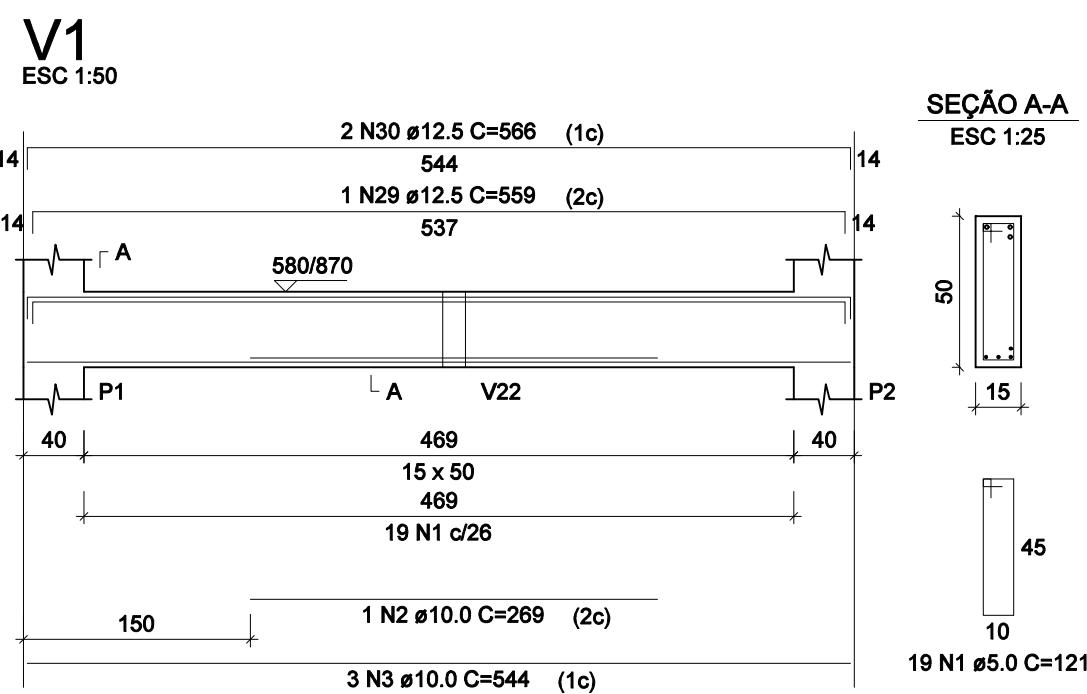
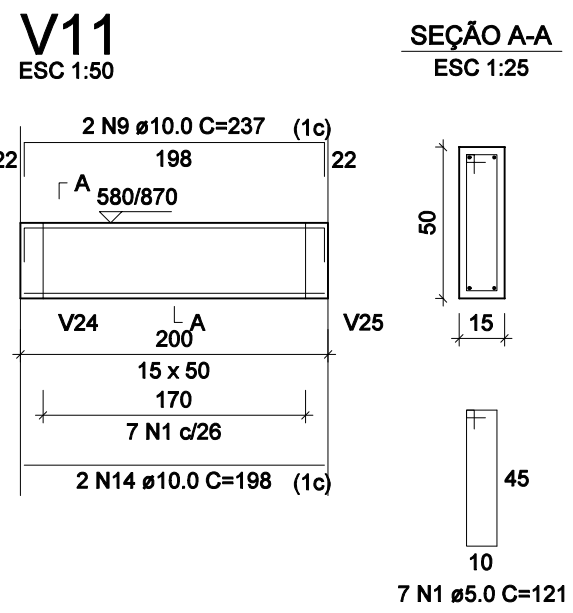
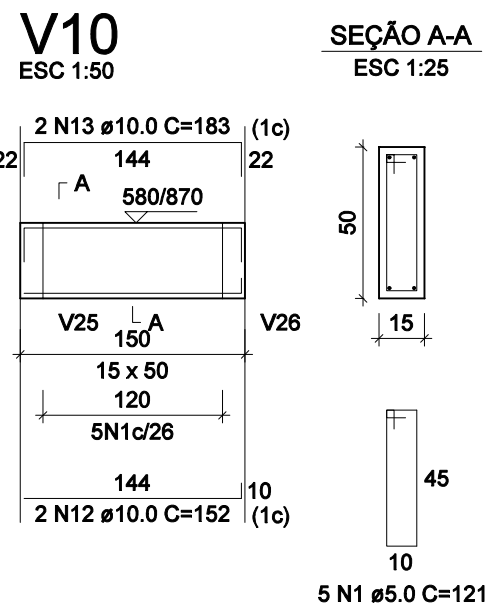
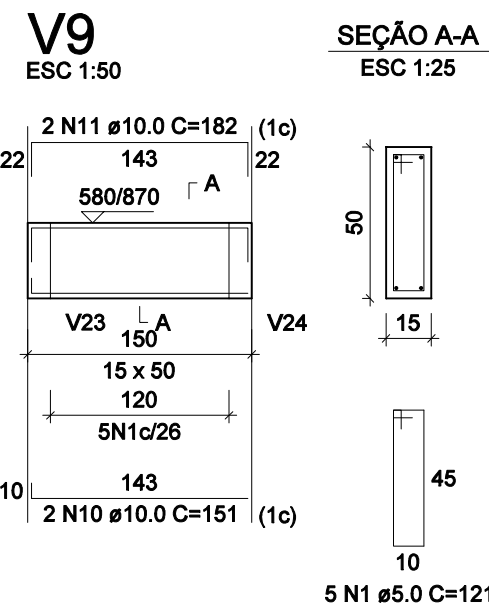
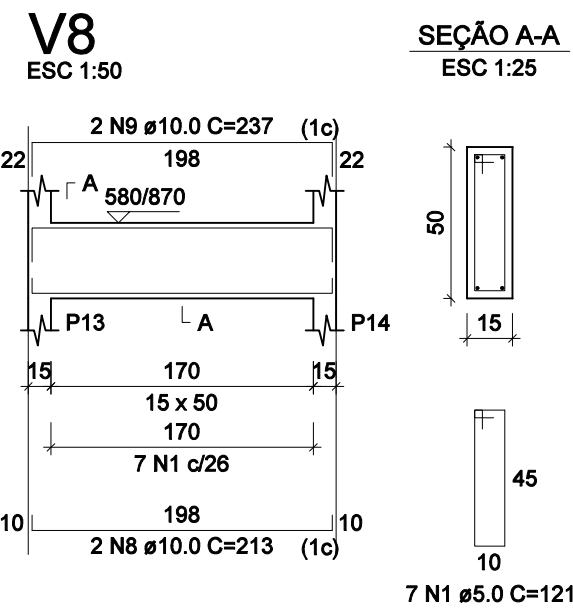
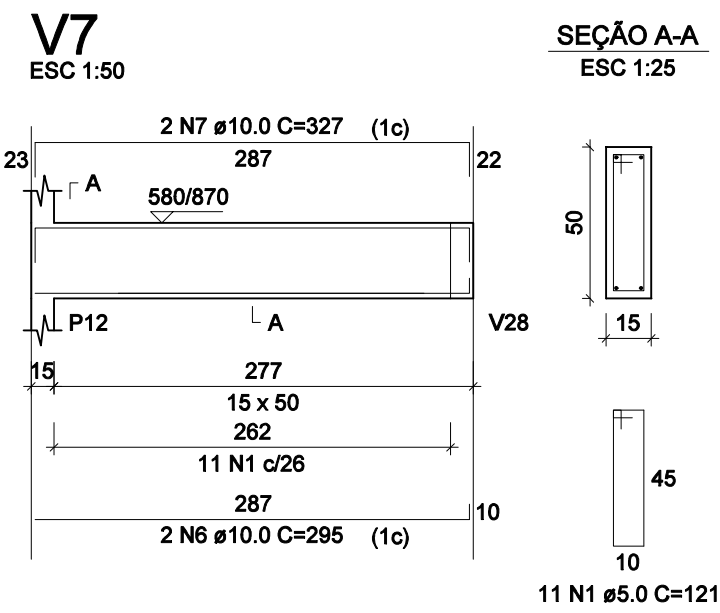
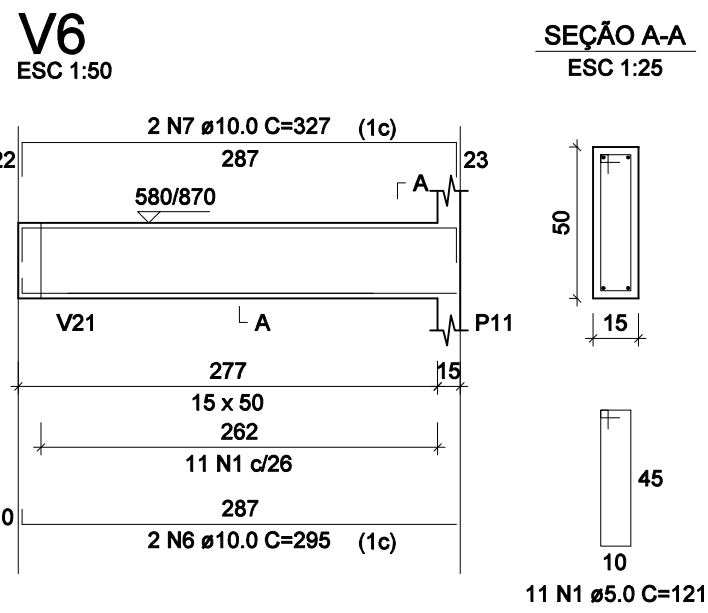
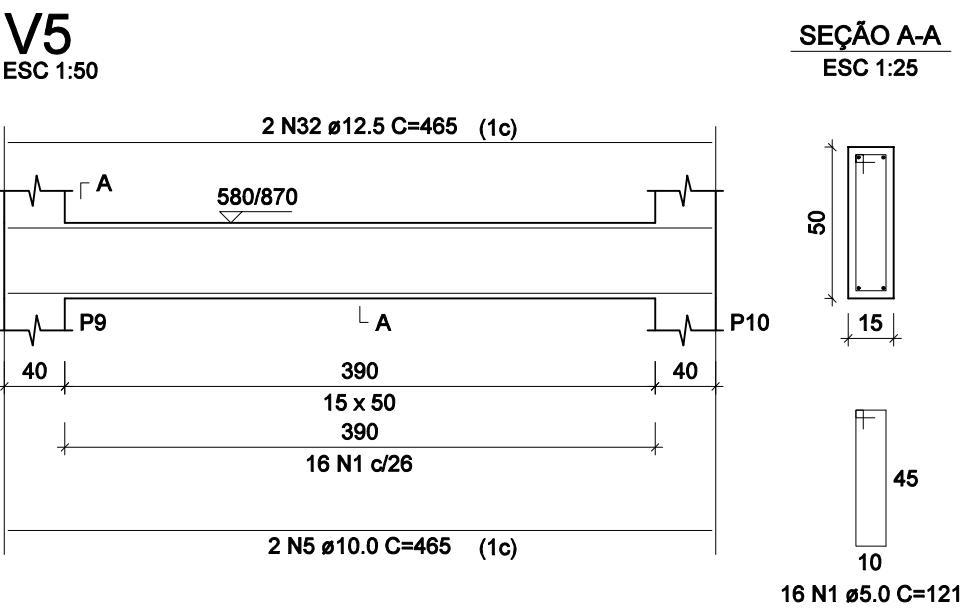


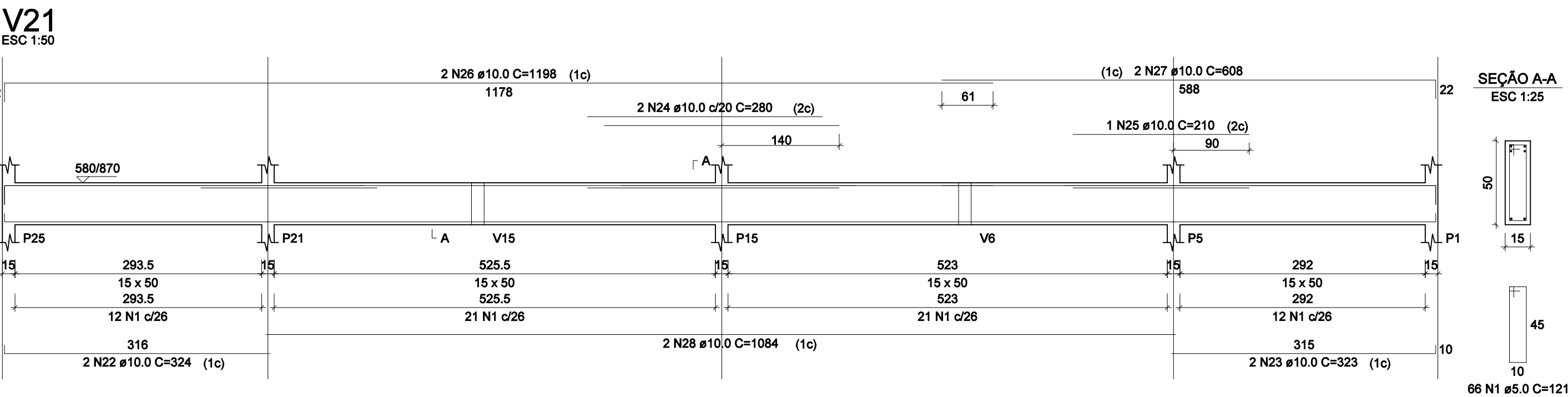
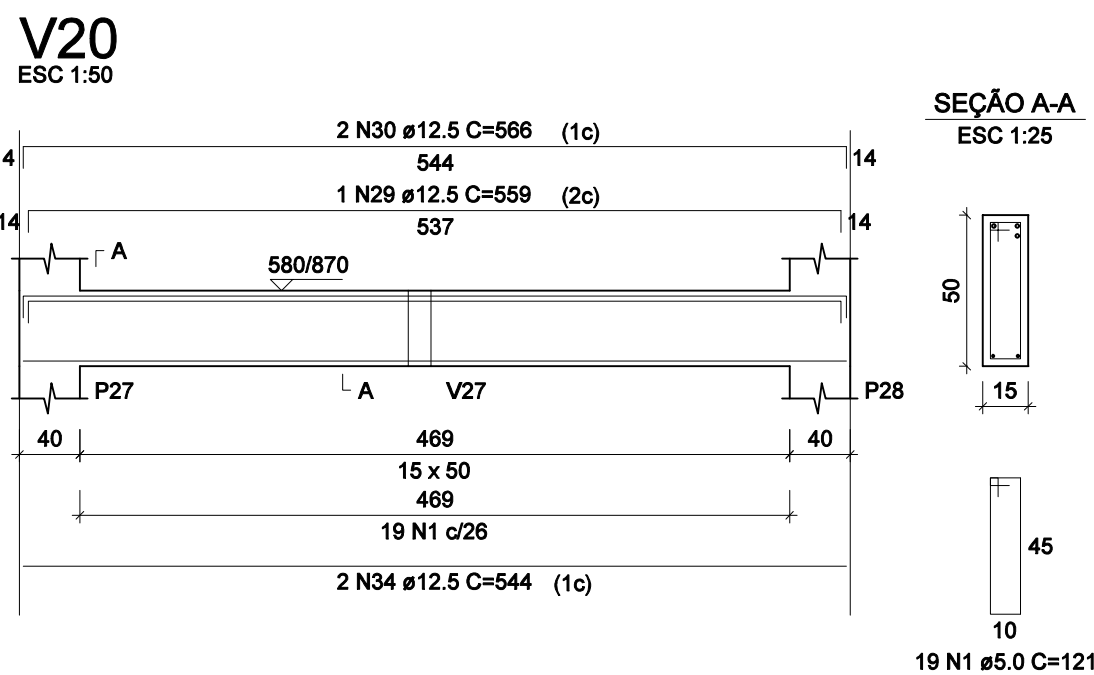
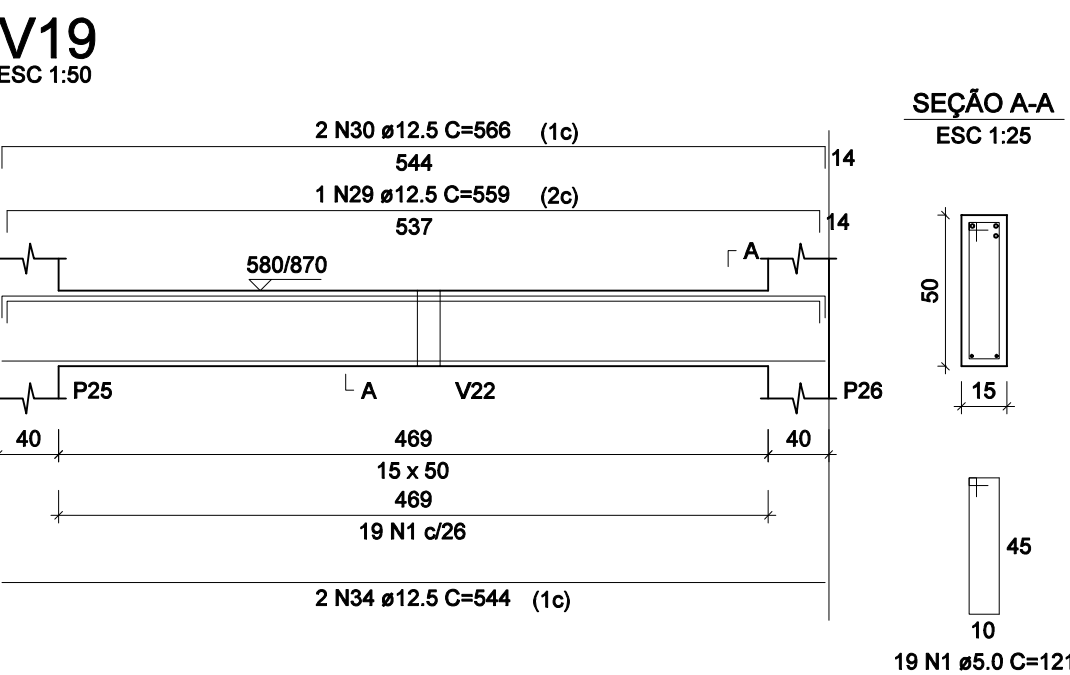
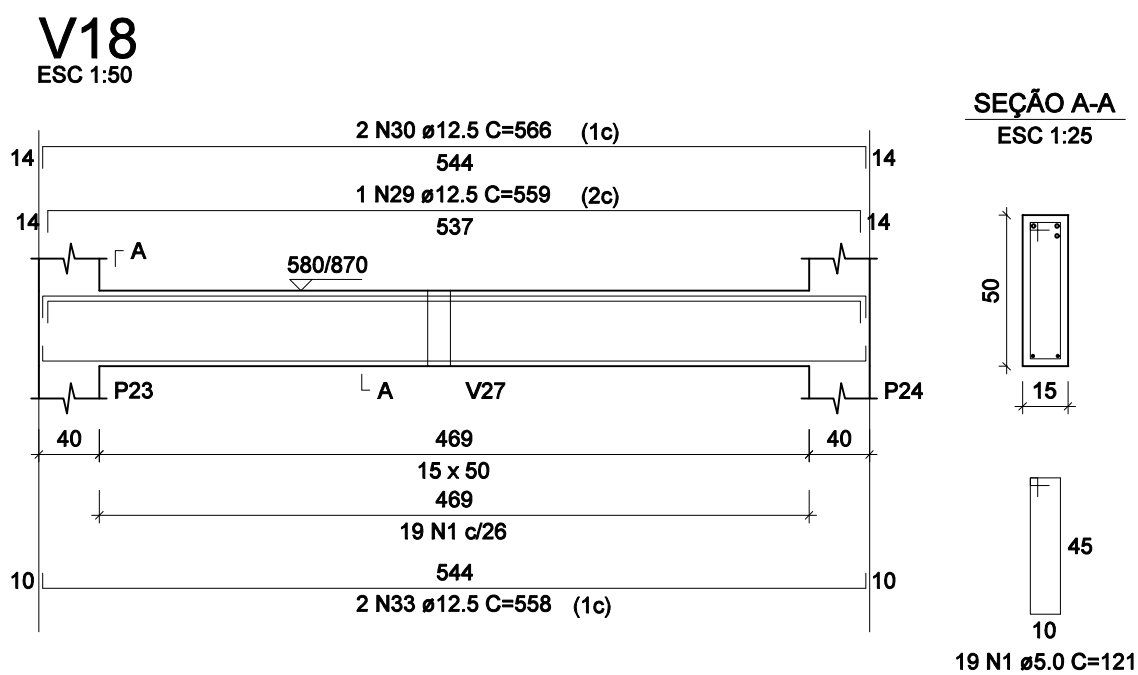
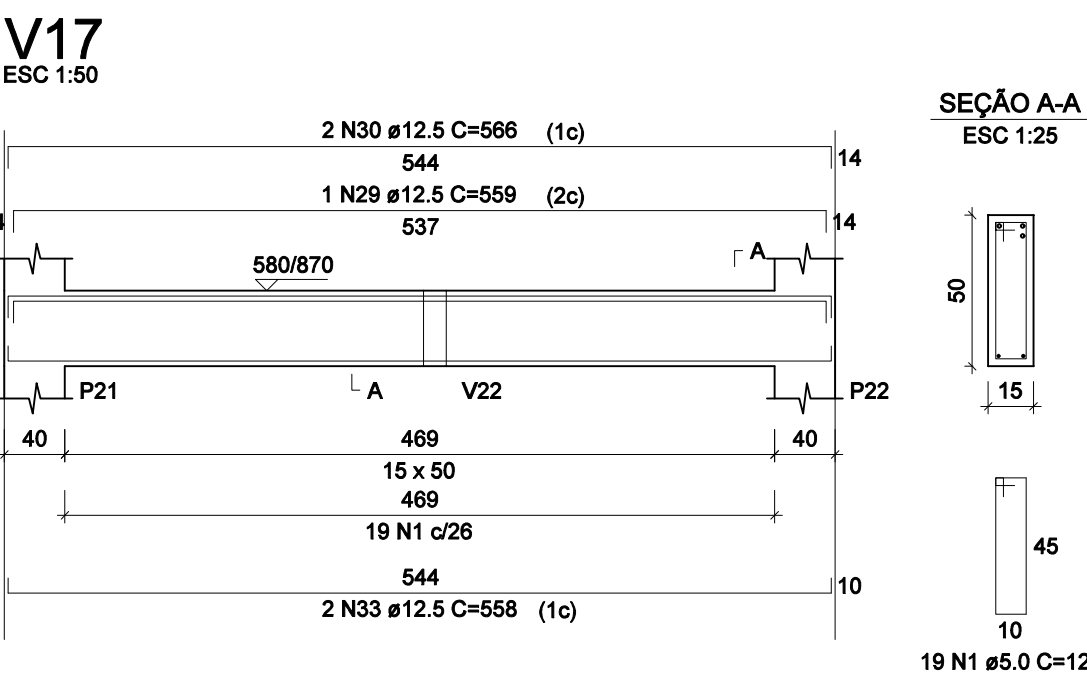
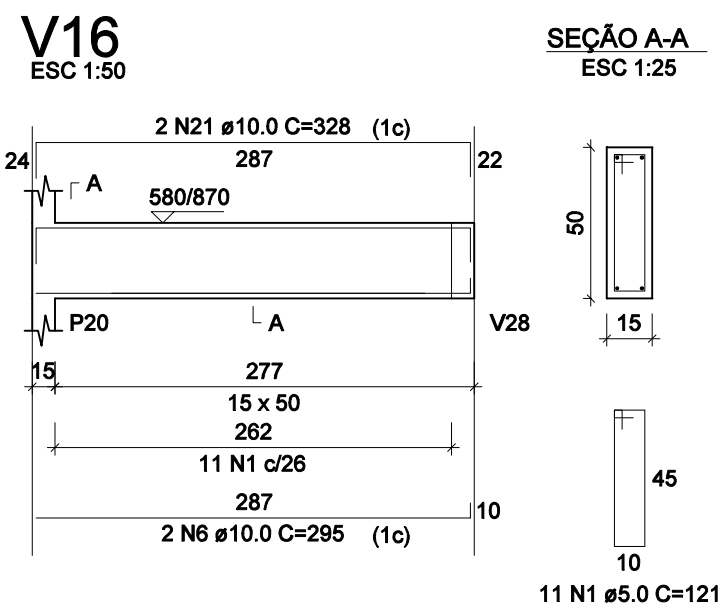
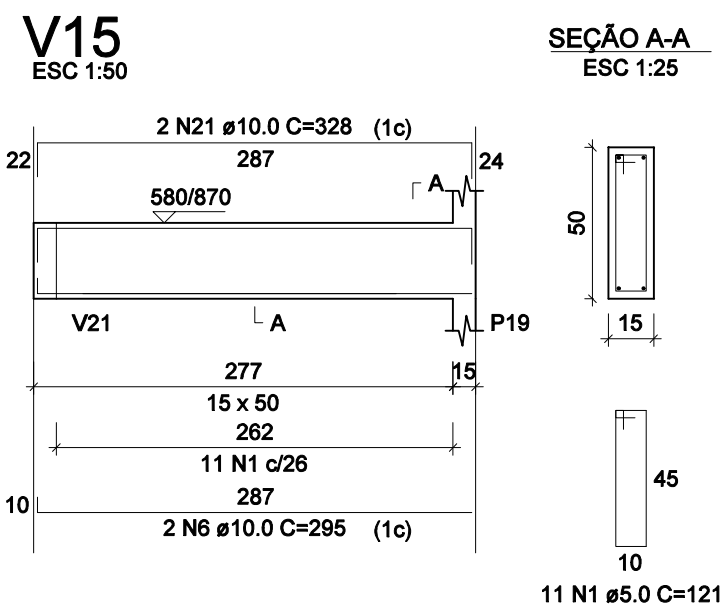
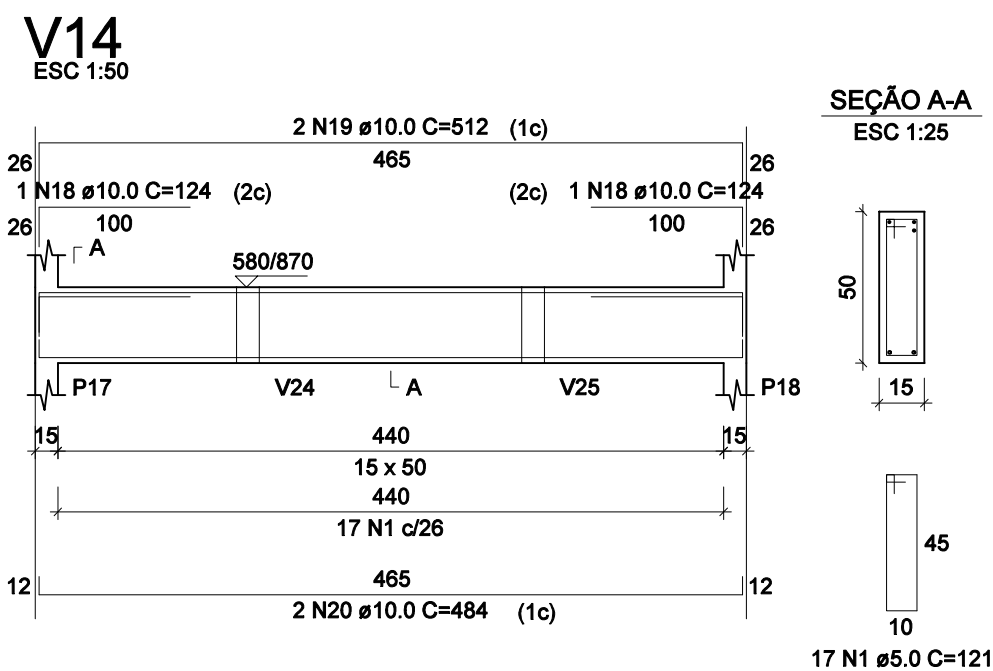
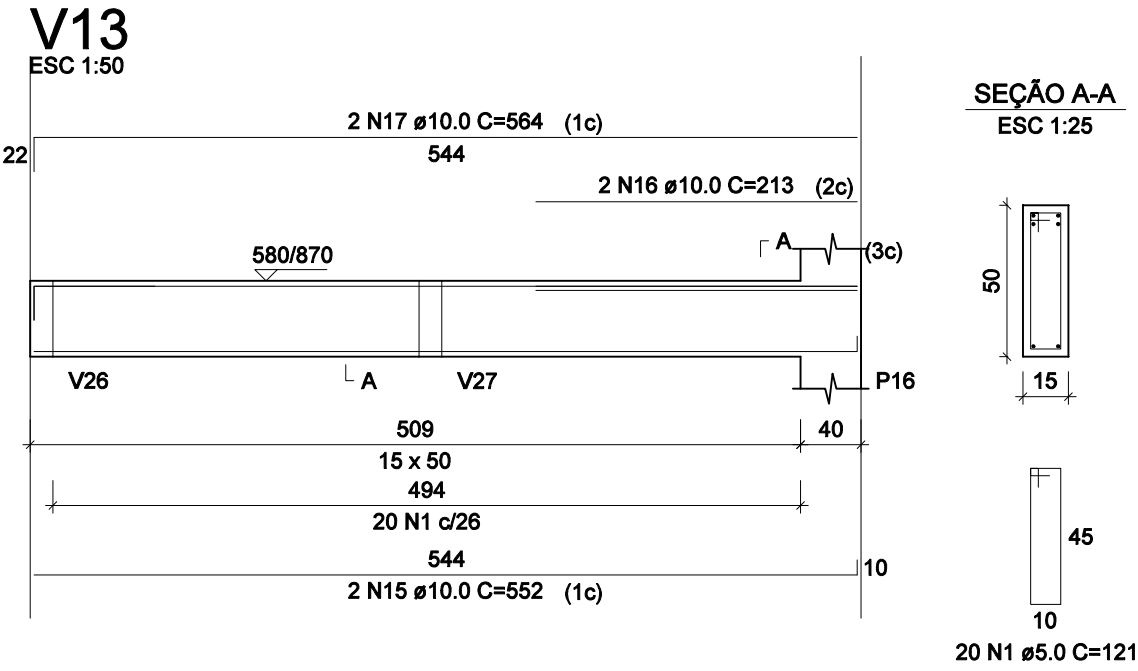
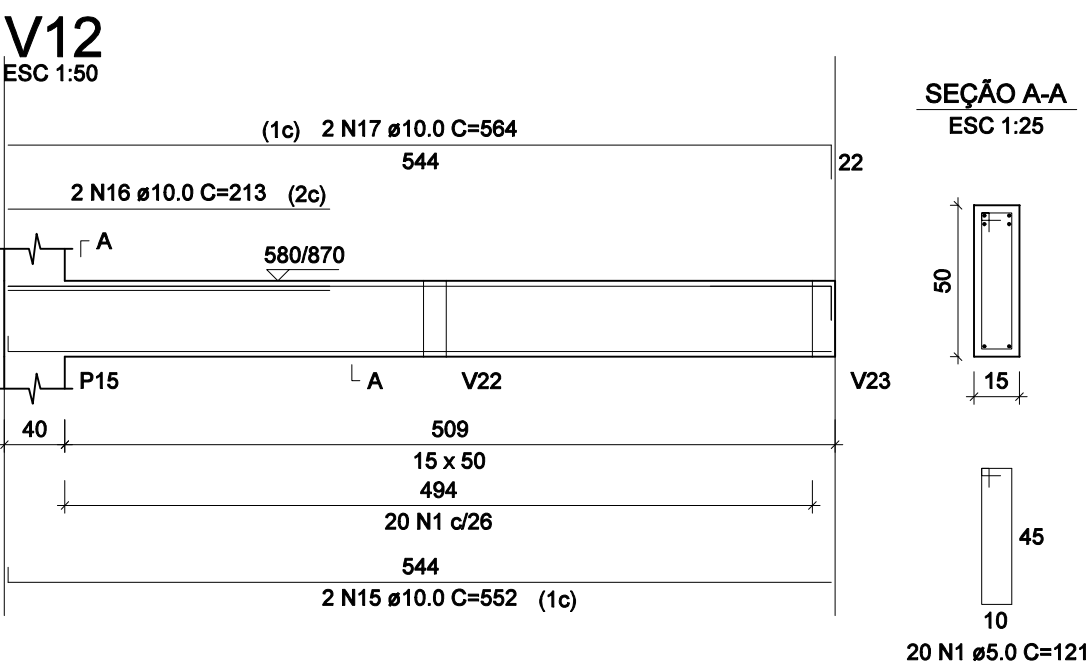


RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	361	121	43681
V4	2	10.0	2	269	538
V7	3	10.0	5	544	2720
V10	4	10.0	6	563	3378
V13	5	10.0	2	465	930
V16	6	10.0	8	295	2360
V19	7	10.0	4	327	1308
	8	10.0	2	213	426
	9	10.0	4	237	948
	10	10.0	2	151	302
	11	10.0	2	182	364
	12	10.0	2	152	304
	13	10.0	2	183	366
	14	10.0	2	188	396
	15	10.0	4	552	2208
	16	10.0	4	213	852
	17	10.0	4	564	2256
	18	10.0	2	124	248
	19	10.0	2	512	1024
	20	10.0	2	484	968
	21	10.0	4	328	1312
	22	10.0	2	324	648
	23	10.0	2	323	646
	24	10.0	2	280	560
	25	10.0	1	210	210
	26	10.0	2	1188	2396
	27	10.0	2	608	1216
	28	10.0	2	1084	2168
	29	12.5	6	559	3354
	30	12.5	12	566	6792
	31	12.5	6	657	3942
	32	12.5	2	465	930
	33	12.5	4	558	2232
	34	12.5	4	544	2176



RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	310.5	210.6
CA60	12.5	194.3	205.9
CA60	5.0	436.8	74.1
PESO TOTAL (kg)		416.4	74.1

Volume de concreto (C-25) = 7.51 m³
Área de forma = 115.17 m²



PROPRIETÁRIO :		CNPJ	
PREFEITURA MUNICIPAL DE NOVA ERA		16.819.831/0001-20	
EMPRESA CONTRATADA :		CNPJ	
ALESSANDRO DRUMOND - Engenharia & Arquitetura		19.881.728/ 0001-20	
RESPONSÁVEL TÉCNICO :		CREA	
ALESSANDRO DRUMOND GUERRA DA SILVA		Arquiteto e Urbanista - A82573-5	
É DE RESPONSABILIDADE DO RT O ATENDIMENTO À LEGISLAÇÃO EM VIGOR, ESTANDO O MESMO SUJEITO ÀS PENALIDADES DA LEI			
PROJETO ESTRUTURAL CIVIL			
DETALHE			
VIGAS 2a E 3a LAJE - 1			
USO		DATA	JANEIRO/2023
RESIDENCIAL			
TÍTULO		APROVAÇÃO	FOLHA
ENDEREÇO		17/20	
RUA FAZENDA DA VARGEM, S/N , SANTANA - NOVA ERA/ MG			

Alessandro Drumond